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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>			<b>Complete if Known</b>	
			Application Number	10/065,635
			Filing Date	11/05/2002
			First Named Inventor	Israel Morejon et al.
			Group Art Unit	Unassigned
			Examiner Name	Unassigned
Sheet	1	of 3	Attorney Docket Number	1413.03

[illegible][illegible]

Examiner Signature	KHAI TRAN	Date Considered	1/28/03
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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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<b>Substitute for form 1449B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)  Sheet 2 of 3		<b>Complete if Known</b>	
		Application Number	10/065,635
		Filing Date	11/05/2002
		First Named Inventor	Israel Morejon et al.
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
		Attorney Docket Number	1413.03

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
alt	8	J.H. DHOLAKIA, V.K. JAIN and B.A. MEYERS, Adaptive Equalization for 100Mbps OWSS Wireless LANS.	
alt	9	J.H. DHOLAKIA and V.K. JAIN, Technologies for 3G Wireless Communications.	
alt	10	ROBERT W. CHANG, Synthesis of Band-Limited Orthogonal Signals for Multichannel Data Transmission.	
alt	11	S.B. WEINSTEIN and PAUL M. EBERT, Data Transmission by Frequency-Division Multiplexing Using the Discrete Fourier Transform.	
alt	12	ABRAHAM PELED and ANTONIO RUIZ, Frequency Domain Data Transmission Using Reduced Computational Complexity Algorithms.	
alt	13	Multicarrier Modulation with Low PAR Application to DSL and Wireless, Kluwer Academic Publishers.	
alt	14	THIERRY POLLET and MIQUEL PEETERS, Synchronization with DMT Modulation.	
alt	15	JAN-VAAP VAN DE BEEK, MANGUS SANDELL and per OLA BORJESSON, ML Estimation of Time and Frequency Offset in OFDM Systems.	
alt	16	OFDM for Wireless Multimedia Communications, Artech Publishers.	
alt	17	DON KYU KIM ET AL., A New Joint Algorithm of Symbol Timing Recovery and Sampling Clock Adjustment for OFDM Systems.	
alt	18	YONG-JUNG KIM ET AL., A New Fast Symbol Timing Recovery Algorithm for OFDM Systems.	

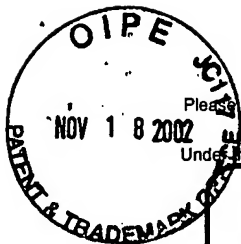
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Substitute for form 1449B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 3

### Complete if Known

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Examiner Name	Unassigned
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### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
elt	19	DENIS J.G. MESTDAGH, MIKAEL R. ISAKSSON and PER ODLING, Zipper VDSL: A Solution for Robust Duplex Communication Over Telephone Lines.	
elt	20	ROHIT NEGI, Pilot Tone Selection for Channel Estimation in a Mobile OFDM System.	
elt	21	HIKMET SARI, GEORGES KARAM and ISABELLE JEANCLAUDE, Transmission Techniques for Digital Terrestrial TV Broadcasting.	
elt	22	Theory and Application of Digital Signal Processing, Prentice-Hall, Inc. 1975.	
elt	23	HENRY K. KWOK and DOUGLAS L. JONES, An Efficient Power-Reduction Technique on DSL Modems.	
elt	24	Y. ZENG and N.A. HOLZWARTH, Density-Functional Calculation of the Electronic Structure and Equilibrium Geometry of Iron Pyrite (FeS <sub>2</sub> ).	
elt	25	G. DAVID FORNEY, JR. ET AL., Efficient Modulation for Band-Limited Channels.	
elt	26	ERIK G. LARSSON ET AL., Joint Symbol Timing and Channel Estimation for OFDM Based WLANs.	
elt	27	JOHN A.C. BINGHAM, Multicarrier Modulation for Data Transmission: An Idea Whose Time Has Come.	

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